

# Author Index to Volumes 22 and 23

- BAESLACK III, W. A., 23:1, 219
- BASHU, S. A., 22:275
- BLAZQUÉZ, M. L., 23:119
- BROOKS, CHARLIE R., 22:177; 23:27, 57
- BRUNO, J. C., 22:269
- CALVO, F. A., 22:97
- CAMPBELL, J. B., 22:107
- CHOU, C.-P., 23:231
- COURT, STEPHEN A., 22:219
- DAVIDSON, D. L., 22:107
- DEL CASTILLO, C. LÓPEZ, 23:119
- DOI, SERGIO NORIFUMI, 23:135
- EMBURY, J. D., 23:101
- FONG, H. S., 23:173
- GIALLOURAKIS, N. M., 23:209
- GOKHALE, A. M., 22:69
- GÓMEZ, C., 23:119
- GUO, YONG-XIANG, 22:47
- HERMANN, H., 23:189
- HIERRO, M. P., 22:97
- HO, N. J., 22:57
- HOGAN, L. M., 22:37
- HU, GENG XIANG, 22:47
- KELLY, T. J., 23:219
- KESTENBACH, HANS-JÜRGEN, 23:135
- KOZDRAS, M. S., 22:253
- KRAUSS, G., 23:209
- LEE, C.-H., 23:231
- LIN, YEE C., 22:177
- LIPPOLD, J. C., 23:1
- LUO, L. G., 23:101
- LYNCH, S. P., 23:147
- MANNHEIMER, WALTER A., 22:123
- MARTIN, J. W., 22:1
- MATLOCK, D. K., 23:209
- MAURER, R., 23:201
- MICHEL, D. J., 22:283
- NASRAZADANI, S., 22:79
- NATISHAN, P. M., 23:21
- NIESSEN, P., 22:253
- PEACE, G. T., 23:21
- POLLARD, GEOFFREY, 22:219
- PRANTL, W., 22:211
- RAMAN, A., 22:79
- REDDY, S. V., 22:275
- REED, J. R., 22:283
- RIOS, P. R., 22:269
- RONG, YONG-HUA, 22:47
- RYKS, A., 23:101
- SALZBERGER, U., 23:201
- SHAMSUZZOHA, M., 22:3
- SHARMA, L., 22:79
- SHIANG, L.-T., 22:15
- SHIH, G. E., 22:57
- SINGH, A. K., 22:283
- SLEBODNICK, P. F., 23:21
- SONGER, DONALD C., 22:271
- STOYAN, D., 23:189
- TEKIN, A., 22:1
- TJONG, S. C., 22:57; 23:87
- VAROL, I., 23:1
- VEIDIS, MIKELIS V., 22:199
- VERHOEVEN, J. D., 22:245
- WANG, Y. M., 23:57
- WAYMAN, C. M., 22:15
- WENDROCK, H., 23:189
- WEST, S. L., 23:219
- WITCOMB, M. J., 22:11
- ZHOU, JI-PENG, 23:27

## Title Index to Volumes 22 and 23

- A Cryogenic Fracture Technique for Characterizing Zinc-Coated Steels, **23:209**
- BIBMIC: A Bibliography of Books Relating to Materials Microscopy, **22:123**
- Cell-Area Distributions of Planar Voronoi Mosaics, **23:189**
- Characterization of  $M_{23}C_6$  Carbide Precipitated at Grain Boundaries in a Superalloy, **22:47**
- Characterization of Weld Solidification Cracking in a Duplex Stainless Steel, **23:1**
- Crystal Morphology of Massive Eutectic Silicon in Unmodified Al-Si Eutectic, **22:37**
- Determination of the Pearlite Nodule Size in Eutectoid Steels, **23:135**
- Determining True Pearlite Lamellar Spacings from Observed Apparent Spacings, **23:173**
- Effect on the Microstructure of Aging Hastelloy B2 from 550 to 850°C for 1,200 Hours, **23:57**
- Estimation of the Average Size of Plane Convex Loops in Three Dimensional Microstructure, **22:69**
- An Etchant for Hot Extruded Aluminum Alloys, **22:269**
- High-resolution Measurement of Crack-tip Plastic Zone Sizes by Selected Area Channelling Patterns, **22:1**
- Inclusion Chemistry and Morphology in Shielded Metal Arc (SMA) Steel Weld Deposits, **22:219**
- Indexing of Planar Defects from the Relative Change of the Apparent Width by Computer, **22:211**
- Influence of the Composition and Maximum Cycling Temperature on the Microstructure of Cu-Al-Mn Shape Memory Alloys, **23:119**
- Managing Behavior of an Fe-19.5Ni-5Mn Alloy. III: Mechanical Properties, **22:15**
- Metallographic Contributions to Understanding Mechanisms of Environmentally Assisted Cracking, **23:147**
- Metallographic Cross Sections and Scanning Electron Microscopy as Analytical Tools in the Failure Analysis of Rectifiers, **22:199**
- Metallography of Fatigue Crack Initiation in Coarse-grained Astrology at 20°C, **22:107**
- Metallography of Magnesium Amalgams with Peritectic Microstructures, **22:97**
- A Method for Measuring Optical Twin Spacings in the Superconducting Material,  $YBa_2Cu_3O_x$ , **22:245**
- Microstructural Analysis of an Embrittled 422 Stainless Steel Stud Bolt after Approximately 30 Years Service in a Fossil Power Plant, **23:27**
- Microstructural Aspects of Low-Pressure Plasma-Sprayed CoNiCrAlY Coating on Hastelloy X, **22:57**
- Microstructural Corrosion Behavior of Austenitic Fe-21Mn-2.5Al-0.04C Alloy in Oxidizing-Sulfidizing Environments, **23:87**
- Microstructures of a Ni-9.6 at.% Ta-16.6 at.% Cr Alloy after Aging up to 1000 Hours from 600 to 1,000°C, **22:177**
- Morphology of Rust Phases Formed on Weathering Steels in Various Laboratory Corrosion Tests, **22:79**
- Morphology of Weld Heat-affected Zone Liquation Cracking in Ta-modified Cast Alloy 718, **23:219**
- A New Etchant for Alloy 3004-H19 Thin Gauge Sheet, **22:271**
- New Methods of Electro- and Jet Polishing Palladium for Transmission Electron Microscopy, **22:117**
- On the Development of a Metallographic Method to Determine the Strain Distribution Ahead of a Crack Tip, **23:101**

On an Improved Preparation Method for  $\text{Ni}_3\text{Al}$  Specimens and its Application to In Situ Straining in a Transmission Electron Microscope, **23:201**

Preparation of Elevated Temperature Fracture Surfaces for SEM Studies, **22:275**

Silicon-induced Destabilization of Galvan-

ized Coatings in the Sandelin Peak Region, **22:253**

Surface Preparation of Aluminum for Ion Implantation, **23:21**

TEM Studies of  $\text{DO}_3$  Structure in Fe-30Mn-9Al-0.4C Weld Metal, **23:231**

Transmission Electron Microscopy of Icosahedral Phase in Al-Li-Cu Alloys, **22:283**